

FIG. 1

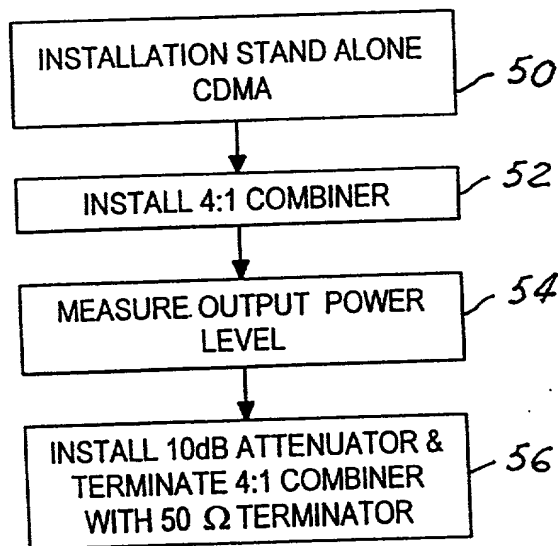


FIG. 5

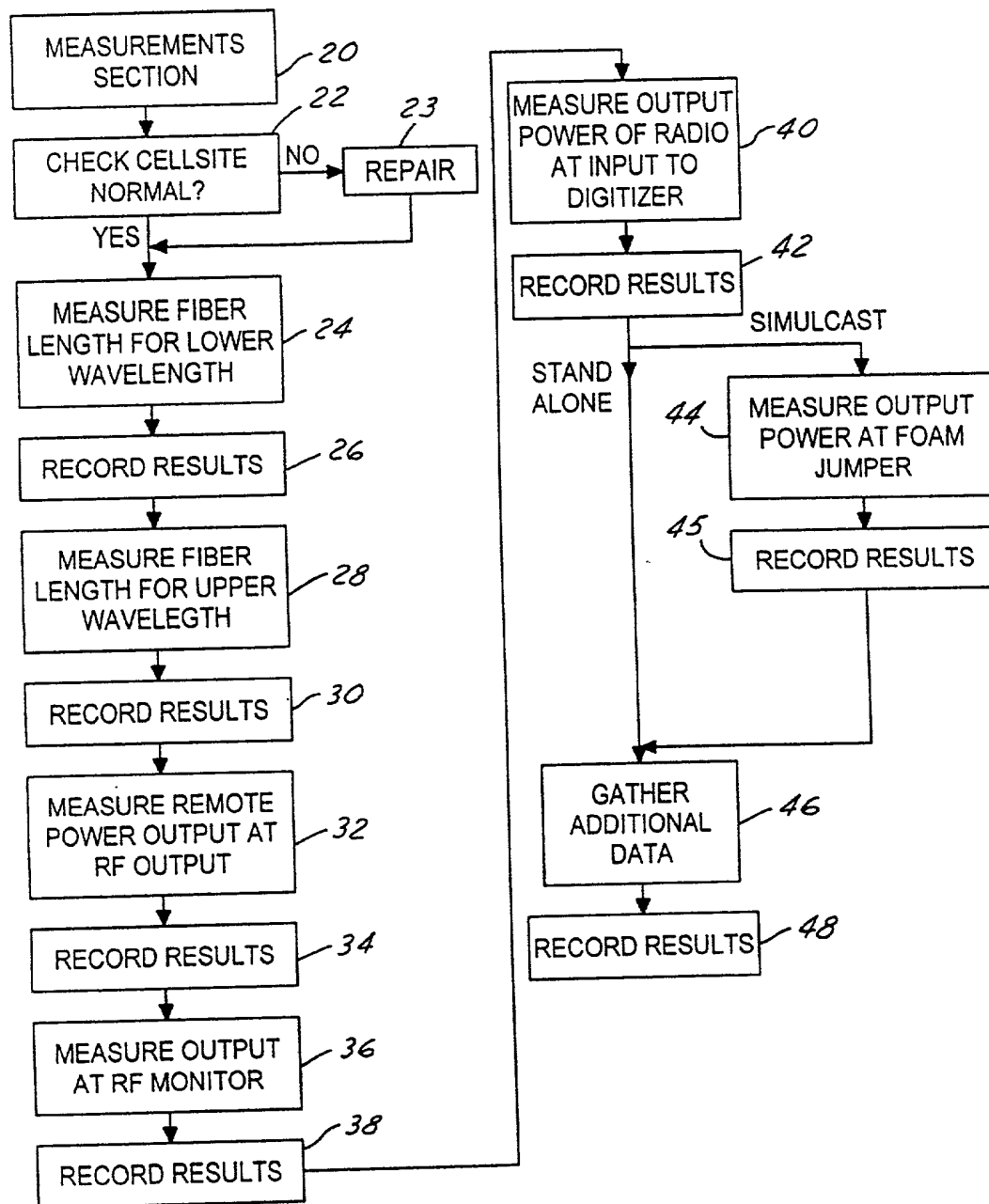


FIG. 2

Microcell Data Sheet
Standalone and Standalone Simulcast Configuration

Call Site: _____
Face: _____
Date: _____

		Remote 1	Remote 2	Remote 3	Remote 4	Remote 5
	Measurements Section					
24	Fiber Distance 1310 nm (kft):					
28	Fiber Distance 1550 nm (kft):					
	Attenuator Value Used For Pout Mess. @ Remote (dB):					
32	Pout @ Remote Antenna (dBm):					
	Pout @ Remote Antenna For 1 Radio Incl. Atten. (dBm):					
36	Pout @ Remote RF Monitor (dBm):					
40	Pin @ Digitizer For 1 Analog Radio (dBm):					
	Total # Radios On Face (Incl. CDPD & Setup):					
	Radios In CDMA Bandwidth					
	LPA Attenuation:					
46	TX RIM Setting:					
	RX RIM Setting:					
	Digitizer Rev. #.					
	PN Offset					

	Calculations Section					
82	Transmit Propagation Delay Calculation					
84	Transmit Propagation Delay Translation Value					
88	Receive Propagation Delay Calculation					
90	Receive Propagation Delay Translation Value					
94	Maximum Differential Delay Calculation					
95	Maximum Differential Delay Value	0.0				
98	Sector Size Calculation					
102	Cell Search Window Size Calculation					
106	Analog Composite Power To Digitizer					
108	Total Gain Check Calculation					
112	Actual Gain Check Calculation					
116	CDMA Pin @ Digitizer Pilot Only					
120	Total Power @ Digitizer (CDMA & Analog)					

	Translations Section	
84	Transmit Antenna Propagation Delay (microseconds)	
90	Receive Antenna Propagation Delay (microseconds)	
102	Search Window Size: Call (microseconds)	
98	Sector Size (miles)	
	Maximum Differential Transmit Delay (microseconds)	0.0
	Initial Power Offset for Access	-5
	Access Probe Power Increment (dB)	4
	BCR Attenuation (dB)	6
	Access Channel Preamble Length (frames)	2
	Time Randomization for Access Channel Probes	6
	Eb/No Setpoint - Minimum (dB) Rate Set 2	5.0
	Eb/No Setpoint - Maximum (dB) Rate Set 2	9.8
	Max Pwr	25.0

Cell Site Tx Delay	22.8
Cell Site Rx Delay	14.0

FIG. 3

	Rev 1	Rev 2
Microcell Tx Delay	1	8
Microcell Rx Delay	3	17

Microcell Data Sheet
Simulcast Configuration

Call Site: _____
Face: _____
Date: _____

		Remote 1	Remote 2	Remote 3	Remote 4	Remote 5
	Measurements Section					
24	Fiber Distance 1310 nm (kft):					
28	Fiber Distance 1550 nm (kft):					
	Attenuator Value Used For Pout Mess. @ Remote (dB):					
32	Pout @ Remote Antenna (dBm):					
	Pout @ Remote Antenna For 1 Radio Incl. Atten. (dBm):					
36	Pout @ Remote RF Monitor (dBm):					
40	Pin @ Digitizer For 1 Analog Radio (dBm):					
44	Pout @ Foam Jumper For CDMA on Macroface					
	Total # Radios On Face (Incl. CDPD & Setup):					
	Radios In CDMA Bandwidth					
	LPA Attenuation:					
46	TX RIM Setting:					
	RX RIM Setting:					
	Digitizer Rev. #.					
	BCR Setting:					
	PN Offset					

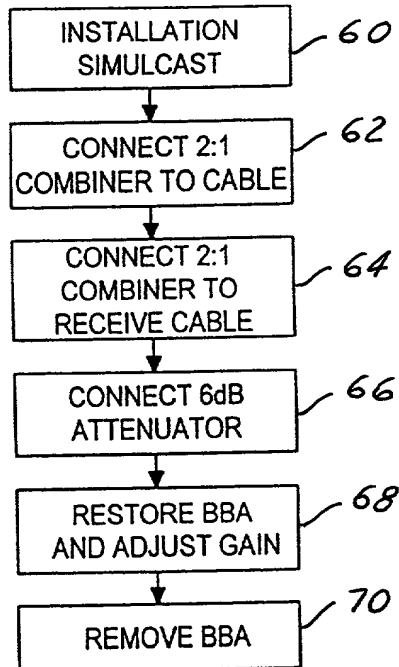
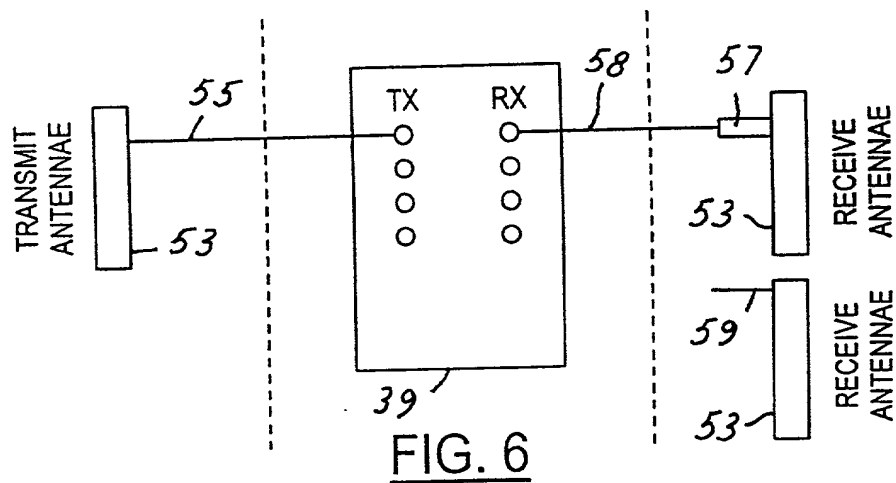
	Calculations Section					
82	Transmit Propagation Delay Calculation					
86	Transmit Propagation Delay Translation Value	22.8				
88	Receive Propagation Delay Calculation					
92	Receive Propagation Delay Translation Value	14.0				
94	Maximum Differential Delay Calculation					
95	Maximum Differential Delay Value	0.0				
98	Sector Size Calculation					
102	Cell Search Window Size Calculation					
106	Analog Composite Power To Digitizer					
108	Total Gain Check Calculation					
112	Actual Gain Check Calculation					
116	CDMA Ideal Power Level Calculation					
120	Total Power @ Digitizer (CDMA & Analog)					

	Translations Section	
	Transmit Antenna Propagation Delay (microseconds)	22.8
	Receive Antenna Propagation Delay (microseconds)	14.0
102	Search Window Size: Call (microseconds)	
98	Sector Size (miles)	
	Maximum Differential Transmit Delay (microseconds)	0.0
	Initial Power Offset for Access	-5
	Access Probe Power Incremen(dB)	4
	Access Channel Preamble Length (frames)	2
	Time Randomization for Access Channel Probes	6
	Eb/No Setpoint - Minimum (dB) Rate Set 2	5.0
	Eb/No Setpoint - Maximum (dB) Rate Set 2	9.8
	Max Pwr	

Cell Site Tx Delay	22.8
Cell Site Rx Delay	14.0

FIG. 4

	Rev 1	Rev 2
Microcell Tx Delay	1	8
Microcell Rx Delay	3	17



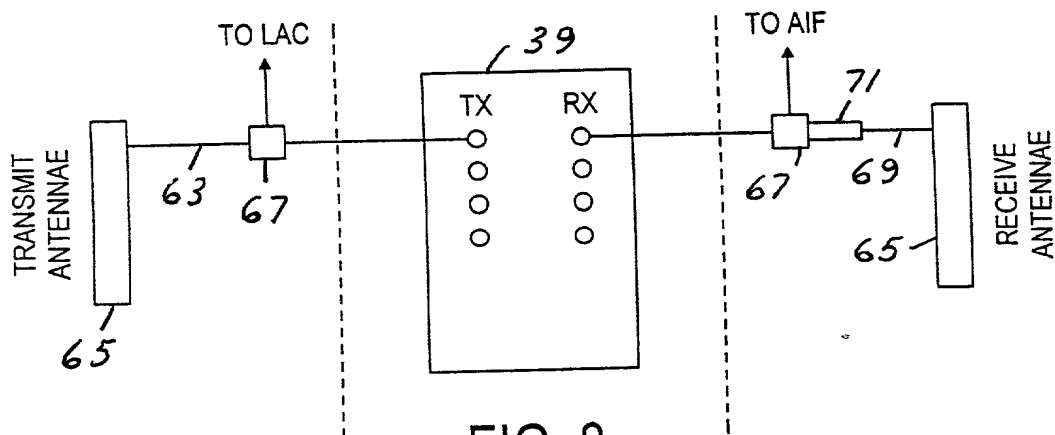


FIG. 8

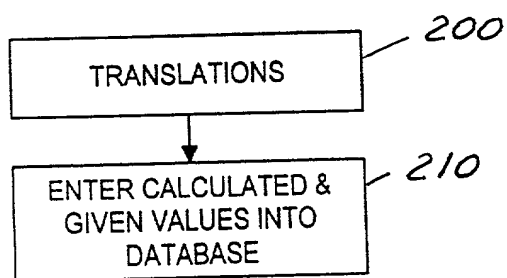


FIG. 10

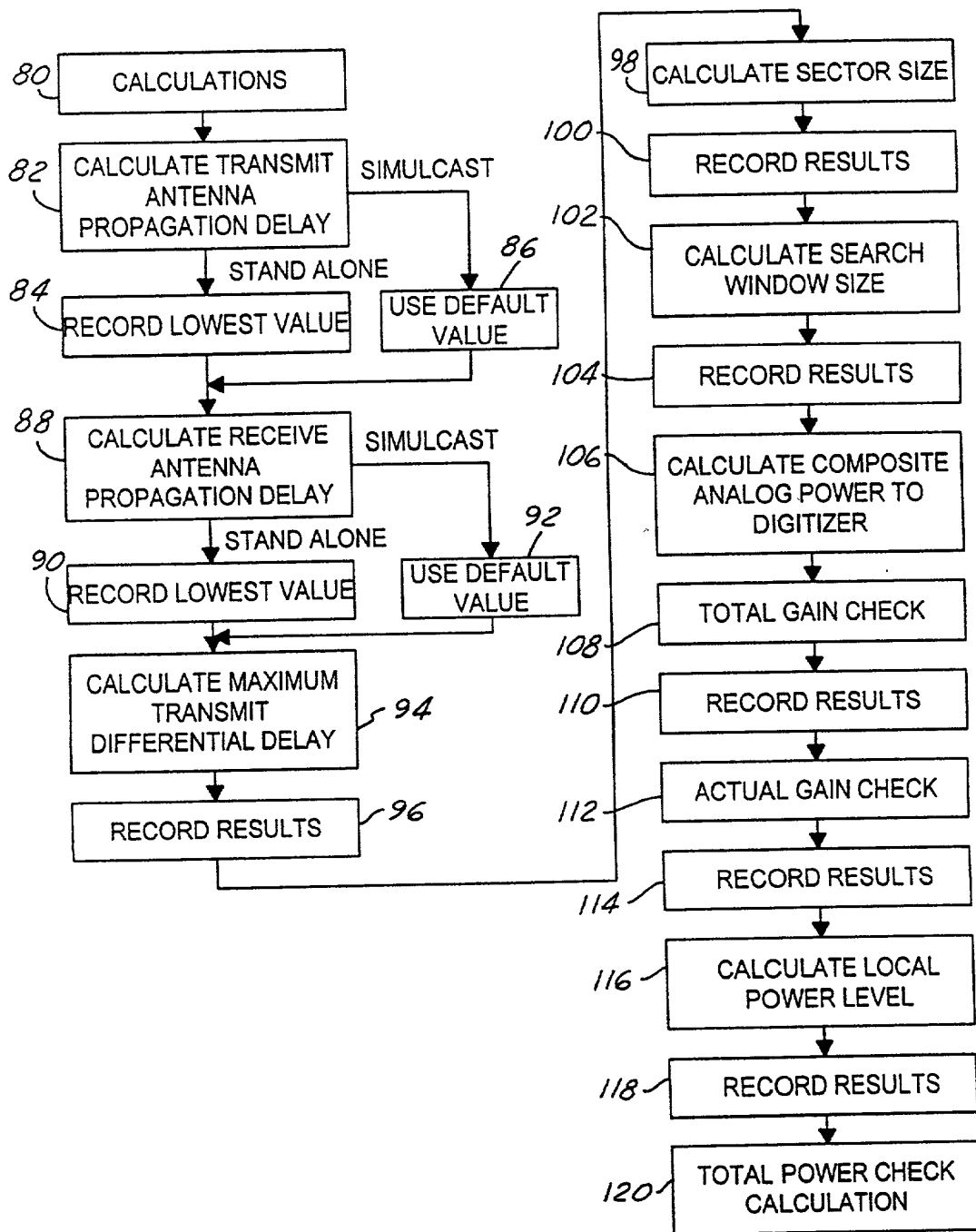


FIG. 9

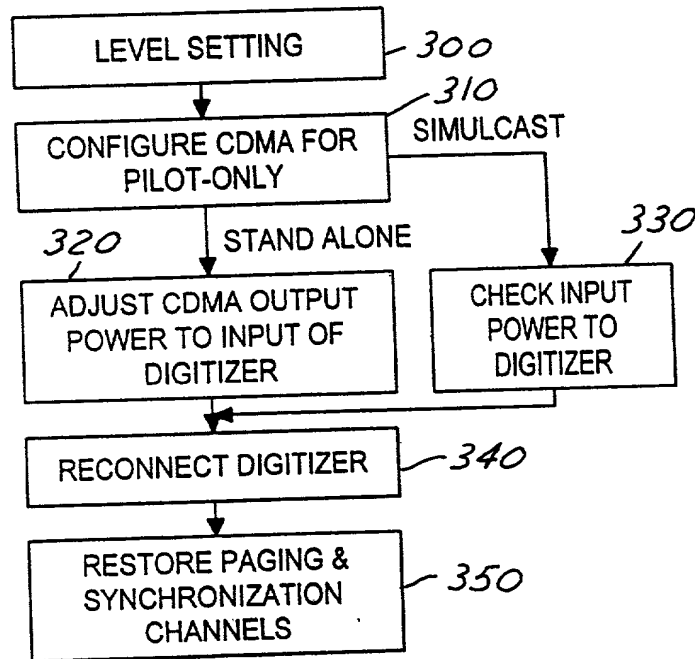


FIG. 11

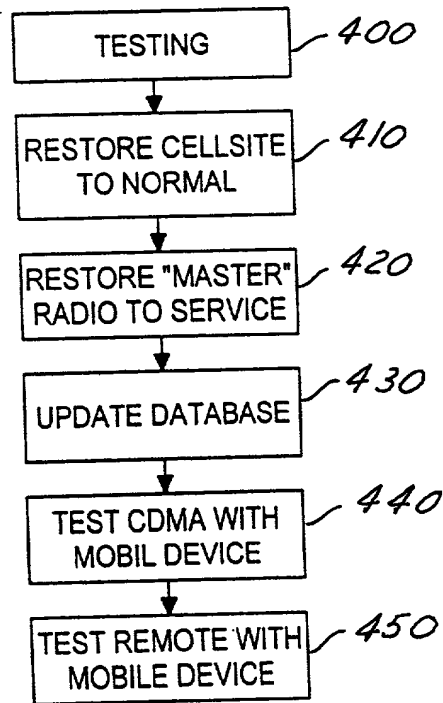


FIG. 12